| GOAL | OBJECTIVE | IST Course | SRA Course | NSSE | Satisfac Survey | Sr Exit Survey | Internship |
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| **Goal 1: Understand and apply the** interdisciplinary, theoretical knowledge of the information sciences or security sciences | 1a. Define and explain the core concepts, principles, processes, and theories within the academic majors of IST and/or SRA | | | 1p, 1t, 2a, 2b, 2c | | 17,21,35,38 | 11, 19 |
| | 1b. Apply the core concepts of the academic majors of IST and/or SRA to real-world problems | IST 110 Gerry Santoro / IST 440W Shawn Clark | | 2e, 7a, 11m | | 14,22, 25, 28, 40, 45, 48 | 5, 11, 12 |

| Goal | Objective | Course (IST) | Course (SRA) | | | | |
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| **Goal 2: Understand, apply and adapt various problem solving** strategies, using appropriate technology and methods | 2a. Identify information problems and/or opportunities in terms of the human, informational and technology dimensions | IST 440W Shawn Clark | | 11e | | 21 | 11 |
| | 2b. Analyze issues surrounding the problem and/or opportunity in terms of the human, informational, and technology dimensions; and determine the requirements appropriate to understanding the situation | IST 440W Shawn Clark | SRA111 Heng Xu / SRA 211 Jake Graham | 2b, 2c, 11e | | 22,35,45 | 4, 11 |
| | 2c. Design systems, architectures, processes, components, or programs to meet desired needs of the human context at varying levels of analysis (e.g., individual, group, organization, society, and/or world) | IST 210 Guoray Cai / IST 220 Angsana T | SRA 221 Peng Liu | 11e, 11m | | 14,25,26,40 | 4, 11, 13 |
| | 2d. Deploy up-to-date and appropriate techniques, methodologies, and/or tools necessary for understanding opportunities and constraints and/or the optimal design, implementation and continuance of an information based solution | IST 230 Dave Mudgett / IST240 Tracy Mullen | SRA 231 Ed Glantz | 11e, 11g, 11m | | 28,43,48 | 5, 11 |
| | 2e. Evaluate the success of systems, architecture, processes, components, or programs intended to meet desired needs of the human context at varying levels of analysis (e.g., individual, group, organization, society, and/or world) | IST 331 Rank Ritter | SRA311 Will McGill | 2d, 11e | | 18,29 | 4,11 |

| Goal 3 | Objective | Course/Instructor | | | | | |
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| **Goal 3: Communicate and work effectively (both individually and in teams) with a range of perspectives and audiences through a variety of media** | 3a. Participate effectively on teams in order to accomplish a common goal * | Indirect Evidence only | | 1g, 1h, 11h | | 24,32,33,44 | 6, 11, 14 |
| | 3b. Communicate effectively with a range of audiences, formally or informally, through writing and the spoken word | IST 440W Shawn Clark | | 1b, 1c,1d, 3c, 3d, 3e, 11c, 11d | | 20,36 | 1, 11, 16,17,18 |
| | 3c. Seek out, analyze, and incorporate diverse ideas and broader perspectives represented in the diversity of people | IST301 Rosalie Ocker | | 1e, 1u,1v, 6d, 6e, 6f, 7f, 10c, 11L | Q013, Q016 | 34,39 | 11 |
| | | | SRA 231 Ed Glantz | | | | |
| | 3d. Make respectful and inclusive choices in interacting with customers, peers, supervisors, and/or subordinates with a diversity of identity characteristics (e.g., age, ancestry, color, disability or handicap, national origin, race, religious creed, sex, sexual orientation, gender identify, or veteran status) | IST 341 Jan Mahar | Indirect Evidence from new survey of students' reports of how they were treated while in IST? Consider using Carroll and Borge's<br>Possible scenario survey. Consider using Carroll and Borge's surveys | | | 41,51 | 11 |
| | 4a. Demonstrate an understanding of the cognitive, social, legal, ethical, diversity, | IST 331 Frank Ritter | | 11p | | 16, 27,42 | 11, 15 |

| Goal 4: Understand professional responsibilities in terms of the ethical, legal, security and social aspects of any given problem and its solution | and security perspectives surrounding a given problem | IST 432<br>John Bagby | | | 10, 27,42 | 11, 15 |
| | 4b. Assess the impact of information, computing and technology on individuals, groups, organizations, society, and the world for the purpose of making informed decisions from a sociological, governmental, legal, and/or security perspective. | IST 110<br>Gerry Santoro | | | 13,30,37,46 | 11, 15, 19 |

| Goal | Outcome | Evidence | | | | |
|---|---|---|---|---|---|---|
| **Goal 5: Commit to the continuous acquisition of relevant knowledge for professional development by self teaching and/or on-going education and learning** | 5a. Employ information-seeking strategies in pursuit of current knowledge | Indirect Evidence only | | | 31, 47 | 8, 11 |
| | 5b. Engage in self-directed learning to meet professional goals | Indirect Evidence only | 7a, 7d, 7g, 11j | Q015, Q017 | 19, 23, 49 | 7, 8,11 |
| | 5c. Enroll in professional development and tutoring opportunities | Indirect Evidence only | 1j, 1o, 7a, 7d | Q017 | 15, 50 | 8, 11 |

| Grades IST Major | Grades SRA Major |
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| IST 210, 220, 230, 240, 301 | SRA 111, 211, 231, 311 |
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| Indep Study (IST 296) |  |
| IST 297A |  |